

Appl. No. 10/816,133
Amdt Dated Mar. 3, 2005
Reply to Office Action Dec. 3, 2004

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claim 1 (currently amended): A heat dissipation device comprising:

a base; and

a heat dissipating member defining through holes therein; and

a heat conducting member thermally connecting the heat dissipating member and the base, and mechanically spacing the heat dissipating member from the base,

wherein the heat dissipating member comprises a plurality of heat dissipating posts, each heat dissipating post defines one of said through holes; and

wherein each of the posts is made by rolling up a metallic slice.

Claim 2 (canceled)

Claim 3 (currently amended): The heat dissipation device of claim 21, wherein the heat conducting member comprises a plurality of heat conducting tabs respectively extending from the heat dissipating posts.

Claim 4 (original): The heat dissipation device of claim 3, wherein each of the heat conducting tab comprises a medial part extending from a corresponding heat conducting post and mechanically separating said heat conducting post from the base.

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Claim 5 (original): The heat dissipation device of claim 4, wherein each of the heat conducting tab comprises an engaging part extending perpendicularly from the medial part and attached on the base, the engaging parts removing heat from the base to the heat dissipating posts.

Claim 6 (canceled)

Claim 7 (currently amended): A heat dissipation device comprising:

a base;

a plurality of tubular fins located above said base;

a plurality of conductive members located between ~~under bottom ends of~~ the tubular fins and ~~on~~ the base, respectively, to not only support said tubular fins in position but also transfer heat from the base to the fins; wherein

two opposite ends of each of said tubular fins are exposed to an exterior for enhancement of heat dissipation,

wherein each of said conductive members includes a planar engaging part attached to the base and a medial part spacing the corresponding tubular fin from the engaging part; and

wherein either the engaging parts of the conductive members or the tubular fins are engaged with one another horizontally.

Claim 8 (original): The heat dissipation device of claim 7, wherein said conductive members are integrally formed with the corresponding tubular fins, respectively.

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Claim 9 (original): The heat dissipation device of claim 7, wherein said plurality of tubular fins are parallel with one another.

Claim 10 (original): The heat dissipation device of claim 7, wherein said tubular fins are perpendicular to the base.

Claim 11 (currently amended): The heat dissipation device of claim 7, wherein said tubular fins are densely ~~arrangement~~ arranged above the base.

Claims 12-14 (canceled)

Claim 15 (new): A heat dissipation device comprising:
a base; and
a plurality of individual fins, each of the fins integrally comprising:
an engaging part attached to the base; and
a hollow post spaced from the engaging part and comprising an inlet and an outlet at opposite ends thereof, one of the inlet and the outlet pointing to the base.

Claim 16 (new): The heat dissipation device of claim 15, wherein each of the fins has a substantially L-shaped profile.

Claim 17 (new): The heat dissipation device of claim 16, wherein the

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engaging part has a contact surface with the base larger than a cross-sectional area of the post.

Claim 18 (new): The heat dissipation device of claim 15, wherein said one of the inlet and the outlet faces the engaging part.

Claim 19 (new): The heat dissipation device of claim 15, wherein the fins are perpendicular to the base.

Claim 20 (new): The heat dissipation device of claim 15, wherein each of said hollow posts defines a through hole extending therethrough in an axial direction and exposed to an exterior in said axial direction at said opposite ends, respectively.